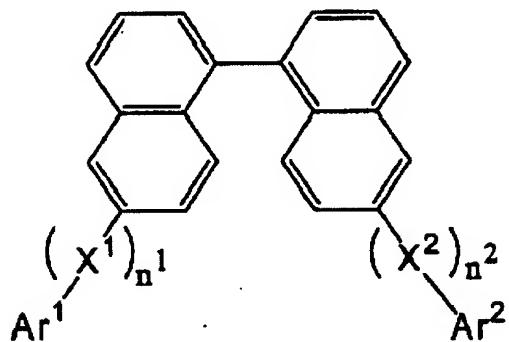


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A binaphthyl compound of the formula:

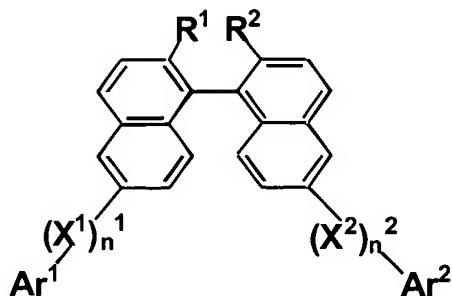


wherein each Ar^1 and Ar^2 is independently a substituted or non-substituted polycyclic aromatic hydrocarbon or a substituted or non-substituted aromatic heterocycle, each X^1 and X^2 is independently a substituted or non-substituted aromatic hydrocarbon, each n^1 and n^2 is independently 0 or 1, and wherein the compound's binaphthyl framework can be independently substituted at any position except those occupied by $(X^1)_{n^1}Ar^1$ and $(X^2)_{n^2}Ar^2$.

2. (original) The binaphthyl compound of claim 1 wherein both Ar^1 and Ar^2 are three, four or five-condensed aromatic rings.

3. (original) The binaphthyl compound of claim 1 wherein both X^1 and X^2 are one, two or three-condensed aromatic rings.

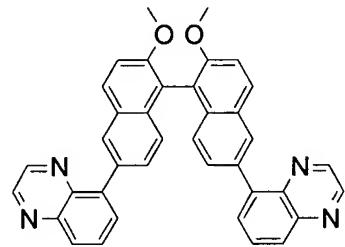
4. (currently amended) A binaphthyl compound of the formula:



wherein each Ar¹ and Ar² is independently a substituted or non-substituted polycyclic aromatic hydrocarbon or a substituted or non-substituted aromatic heterocycle, each X¹ and X² is independently a substituted or non-substituted aromatic hydrocarbon, each n¹ and n² is independently 0 or 1, each R¹ and R² is independently a hydroxyl group, a substituted or non-substituted alkyl group, or a substituted or non-substituted alkoxy group, wherein R¹ and R² can be bound to each other to form a ring structure wherein the ring structure can have substituent groups, and wherein the compound's binaphthyl framework can be independently substituted by a halogen, a hydroxyl group, or a substituted or non-substituted alkyl, alkenyl, alkoxy or alkoxy carbonyl group at any position except those occupied by (X¹)n¹Ar¹, (X²)n²Ar², R¹ and R².

5. (original) The binaphthyl compound of claim 4 wherein each R¹ and R² is an alkoxy group.
6. (currently amended) A fluorescent dye of comprising the binaphthyl compound of claim 1.
7. (original) An organic light emitting device having an anode and cathode and an emissive layer between the anode and cathode, and including a layer comprising the binaphthyl compound of claim 1.
8. (original) An organic light emitting device having an anode and cathode and an emissive layer between the anode and cathode, the emissive layer comprising the binaphthyl compound of claim 1.
9. (original) The device of claim 8 wherein the concentration of the binaphthyl compound is between 0.01 to 20% by weight.
10. (original) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a layer between the emissive layer and the cathode comprising the binaphthyl compound of claim 1.
11. (original) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a layer between the anode and the emissive layer comprising the binaphthyl compound of claim 1.
12. (original) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a layer between the emissive layer and the cathode comprising the binaphthyl compound of claim 4.
13. (original) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a hole-blocking layer between the emissive layer and the cathode comprising the binaphthyl compound of claim 1.
14. (original) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a hole-blocking layer between the emissive layer and the cathode comprising the binaphthyl compound of claim 4.

15. (currently amended) The organic light emitting device of claim ~~15~~ 14 in which the hole-blocking layer between the emissive layer and the cathode comprises a compound of the formula:



16. (original) The device of claim 8 wherein the emissive layer contains a phosphorescent dye dopant.

17. (original) The device of claim 16 wherein the phosphorescent dye dopant is fac-tris(2-phenylpyridine) iridium(III).